

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) An apparatus comprising:
 - a plurality of components including a component to store a reference photograph,
 - wherein the reference photograph is a photograph ~~[[of]]~~depicting an article;
 - a camera; and
 - operating logic configured to operate the components and the camera in a selected one of a first mode and a second mode based on authentication of the user, the operating logic further configured to
 - activate the camera to automatically take a first photograph ~~on~~ in response to power-on or reset to take a photograph,
 - compare the first photograph to the stored reference photograph to authenticate ~~[[a]]~~the user, and to ~~operate the components depending on~~
 - determine whether the user is successfully authenticated based at least in part on said comparison of the first photograph to the reference photograph, wherein the operating logic is configured to
 - operate the components and the camera in the first mode, in response to successful authentication of the user, to allow a first set of functions to be made available ~~after successful authentication of the user, the first set of functions including~~ operation of said camera to take a second photograph, and
 - operate the components and the camera in the second mode, in response to unsuccessful authentication of the user, wherein the operating logic is further configured to allow a second set of functions to be made available ~~after unsuccessful authentication of the user, the second set of functions including fewer functions than~~ the first set of functions.

2. (Cancelled)
3. (Cancelled)
4. (Previously Presented) The apparatus of claim 1, further comprising a reader to facilitate provision of the reference photograph to the apparatus, for use to authenticate the user.
5. (Previously Presented) The apparatus of claim 4, wherein the reader is an electronic reader, an optical reader or a magnetic reader.
6. (Cancelled)
7. (Currently Amended) A method, comprising:
 - an apparatus automatically activating a camera of the apparatus, ~~on~~ in response to power-on, to take a photograph;
 - the apparatus authenticating a user by comparing the automatically taken photograph to a saved reference photograph wherein the reference photograph is a photograph ~~[[of]]~~ depicting a non-anatomical object;
 - the apparatus determining whether the user was successfully authenticated or unsuccessfully authenticated based at least in part on the comparing; and
 - operating a ~~plurality first set~~ of components of the apparatus in a ~~manner that is dependent on whether the user was successfully authenticated or unsuccessfully authenticated based at least in part on the photograph~~ first mode in response to successful authentication of the user, said operating including operating the camera in the first mode to take an additional photograph; and
 - operating a second set of components of the apparatus in a second mode in response to unsuccessful authentication of the user, power-on, and reset, wherein said plurality of components includes a first set of components operable after successful authentication of the user and a second set of components operable after unsuccessful authentication of the user;

the second set of components offering fewer functions than the functions offered by the first set of components.

8. (Cancelled)

9. (Previously Presented) The method of claim 7, wherein the method further comprises the apparatus saving the reference photograph.

10. (Previously Presented) The method of claim 9, wherein the method further comprises the apparatus retrieving the reference photograph from a source external to the apparatus.

11. (Previously Presented) The method of claim 10, wherein said retrieving comprises the apparatus performing a retrieving operation selected from the retrieving operation group consisting of an electronic retrieval operation, an optical retrieval operation, and a magnetic retrieval operation.

12. (Cancelled)

13. (Currently Amended) A wireless mobile phone comprising:

a camera operable in a first mode and in a second mode;
a plurality of components coupled to each other to facilitate wireless telephony communication by a user, with the components being equipped to operate in at least a selected one of ~~[[a]]~~ the first mode and ~~[[a]]~~ the second mode, the components including a component to store a reference photograph wherein the reference photograph is a photograph ~~[[of]]~~ depicting an article or a photograph ~~[[of]]~~ depicting a non-anatomical object; and
operating logic to automatically activate the camera, ~~on~~ in response to power-on, to take a photograph, to compare the taken photograph to the reference photograph to authenticate a user, to operate the components in said first mode after successful authentication of the user, said first mode allowing access of the user to a first set of functions, the first set of functions including operation of the camera to take an additional

| photograph, and to operate the components in said second mode if the user is not successfully authenticated, said second mode allowing access of the user to a second set of functions, the second set of functions being a smaller function set than the first set of functions.

14. (Cancelled)

15. (Currently Amended) In a wireless mobile phone, a method of operation comprising:

| automatically activating a camera of the wireless mobile phone, ~~on~~in response to power-on, to capture a photograph;

authenticating a user by comparing the captured photograph to a stored reference photograph, wherein the reference photograph is a photograph of a manufactured article or a photograph [[of]] depicting a non-anatomical object;

| operating a plurality of components of the wireless mobile phone to facilitate wireless telephony communication by a user, in a first mode, if the user is not authenticated, the plurality of components being operated in the first mode in response to power-on and in response to reset; and

| operating the components in a second mode if the user is successfully authenticated, the second mode offering more functions to the user than the first mode, wherein the camera is operable in the second mode to capture an additional photograph.

16. (Cancelled).